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TI Lightweight coated ceramic particles  
IN Minagawa, Mitsuo; Minagawa, Osamu; Oohara, Hajime  
PA Ribooru Kk, Japan  
SO Jpn. Kokai Tokkyo Koho, 4 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
IC ICM C04B038-00  
ICS C04B041-87  
CC 57-2 (Ceramics)  
Section cross-reference(s): 48, 67

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PI JP 09067174		A	19970311	JP 1995-256681	19950830
PRAI JP 1995-256681			19950830		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 09067174	ICM	C04B038-00
	ICS	C04B041-87
	IPCI	C04B0038-00 [ICM,6]; C04B0041-87 [ICS,6]
	IPCR	C04B0038-00 [I,C*]; C04B0038-00 [I,A]; C04B0041-45 [I,C*]; C04B0041-50 [I,A]; C04B0041-87 [I,C*]; C04B0041-87 [I,A]

AB Claimed particles comprise ceramic hollow particles having compressive strength  $\geq 600$  kg/cm<sup>2</sup>, bulk sp. gr. 0.3-0.5 g/cm<sup>3</sup>, and m.p.  $\geq 1500^\circ$  coated with powdery ceramic compns. having grain size  $\leq 44 \mu\text{m}$ . Optionally, the coatings contain inorg. pigments. The particles are especially suitable for construction materials, catalysts, adsorbents, etc.  
ST lightwt hollow ceramic particle coating strength; construction lightwt ceramic particle; catalyst lightwt ceramic particle; adsorbent lightwt ceramic particle  
IT Clays, uses  
RL: TEM (Technical or engineered material use); USES (Uses)  
(ball clays, coating compns. containing; coated hollow ceramic particles having high strength and lightwt.)  
IT Microspheres  
Microspheres  
(ceramic, hollow; coated hollow ceramic particles having high strength and lightwt.)